TELUS

i410 Mike Phone

User's Guide

DECLARATION OF CONFORMITY

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party Name: Motorola, Inc.
Address: 8000 West Sunrise Boulevard
Plantation, FL 33322 USA
Phone Number: 1 (800) 453-0920
Hereby declares that the product:
Product Name: i410
Model Number: H76XAH6JR7AN
FCC-ID: IHDP56KR1
Conforms to the following regulations:
FCC Part 15, subpart B, section 15.107(a), 15.107(d) and section 15.109(a)

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID: IHDP56KR2 on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

Class B Digital Device

As a personal computer peripheral, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

Motorola, Inc.
Consumer Advocacy Office
600 North US Highway 45
Libertyville, IL 60048
www.hellomoto.com

Note: Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-453-0920 (United States)
1-877-483-2840 (TTY/TDD United States for hearing impaired)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

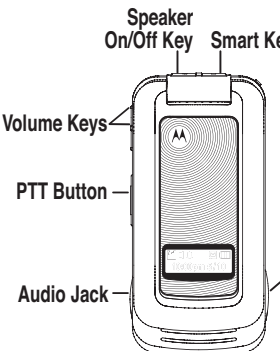
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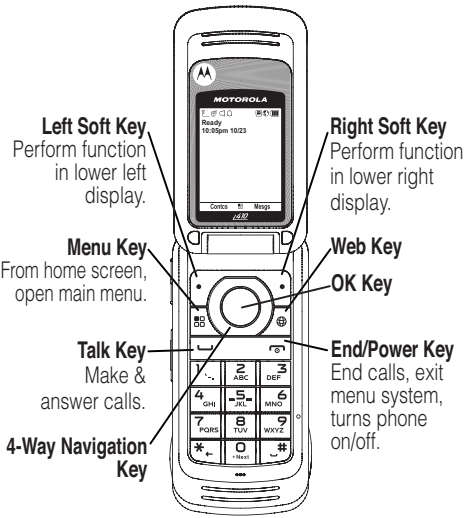
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Manual Number: NNTN7966A

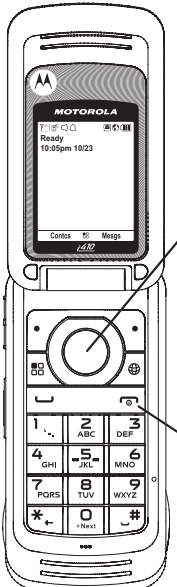
HELLOMOTO

Introducing your new Motorola i410 phone. Here's a quick anatomy lesson.



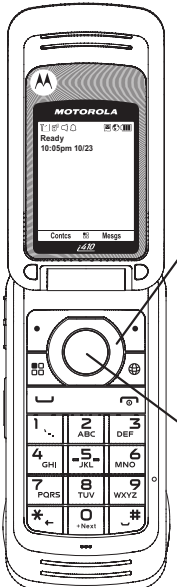


check it out



2 Customizable OK key that can be used to open the **Settings** screen

1 Press and hold the **Power Key** for a few seconds, or until the screen lights up, to turn on your phone.



3 Press the Navigation Key **up, down, left or right** to highlight a menu feature.

4 Press the OK key to select.

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menu map

main menu


Call Alert


Java Apps
- Java System


Settings
- (see next page)


Ring Tones
- Vibrate All: On/Off
- Ringer
- Vibrate
- Silent


GPS
- Position
- Privacy
- Interface


Call Forward


Datebook


Memo


Browser


My Info
- My Name
- Line 1
- Line 2
- Private ID
- Group ID
- Carrier IP
- IP1 Address
- IP2 Address


VoiceRecord
- [New VoiceRec]


Recent Calls


Media Center


Shortcuts
- [New Entry]
- 1)Shortcuts
- 2)Cntcs[New Contact]
- 3)Recent Calls
- 4)Contacts
- 5)Datebook
- 6)Messages
- 7)VoiceRecord
- 8)Browser
- 9)Call Forward


Contacts
- [New Contact]


Profiles


Call Timers
- Last Call
- Phone Reset
- Phone Lifetime
- Prvt/Grp Reset
- Prvt/Grp Life
- Circuit Reset
- Circuit Lifetime
- Kbytes Reset


PT Manager
- Send Message
- Send Picture
- Send Event
- Send My Info
- Send Contact
- Configure


Messages
- [Create Mesg]
 - [Create Txt Msg]
 - [Create MMS Msg]
- Voice Mail
- Inbox
- Drafts
- Outbox
- Net Alert


Shop


Talk Around


Bluetooth
- Hands Free
- Link to Devices
- Device History
- Setup
- Find Me

This is the standard Main Menu layout. Your phone's menu may be a little different.

settings menu

Display/Info
- Wallpaper
- Text Size
- Theme
- Home Icons
- Backlight
- Clock
- Menu View
- Large Dialing
- Language

Phone Calls
- Set Line
- Any Key Ans
- Auto Redial
- Call Waiting
- Auto Ans
- Flip Activation
- Minute Beep
- Call Duration
- TTY
- Hearing Aid
- Notifications
- DTMF Dialing
- Prepend

2-Way Radio
- Tkgrp Silent
- Tkgrp Area
- One Touch PTT
- Alert Type
- PTT Quick Notes
- On/Off PTT
- Store Rcvd Info

Personalize
- Menu Options
- Up Key
- Down Key
- Left Key
- Right Key
- Center Key
- Left Sftkey
- Right Sftkey
- Power Up

Volume
- Line 1
- Line 2
- Messages
- Earpiece
- Speaker
- Keypad
- Java Earpiece
- Java Spkr
- Data

Security
- Phone Lock
- Keypad Lock
- SIM PIN
- GPS PIN
- Change Passwds

Advanced
- Alert Timeout
- Headset/Spkr
- Connectivity
- Reset Defaults
- Return to Home
- Transmitters
- Phone Only
- Baud Rate

use and care

To care for your Motorola phone, please keep it away from:



liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.



extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.



microwaves

Don't try to dry your phone in a microwave oven.



dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.



cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



the ground

Don't drop your phone.

essentials

Caution: Before using the phone for the first time, read the Important Safety and Legal information included in the gray edged pages at the back of this guide.

about this guide

This guide shows how to locate a menu feature as follows:

Find it: ▣ > **Settings**

This means that, from the home screen:

1. Press the *menu button* ▣ to open the **Main Menu**.
2. Press the *navigation key* to scroll to **Settings**.
3. Press OK to select it.

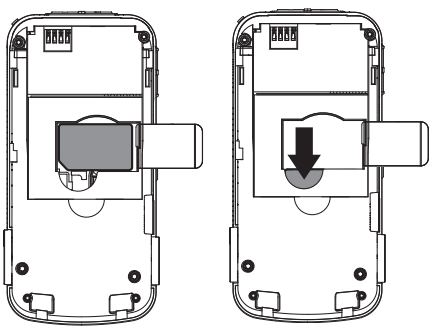
symbols	
	This means a feature is network/ subscription dependent and may not be available in all areas. Contact your service provider for more information.
	This means a feature requires an optional accessory.

SIM card

insert the SIM card

Turn off your phone and remove your battery before you install or remove a SIM card.

Carefully slide the SIM card into your phone, until it lies flat in the SIM card holder.

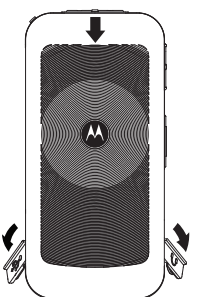


Warning: To avoid loss or damage, do not remove your SIM card from your phone unless absolutely necessary.

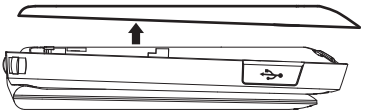
battery

battery installation

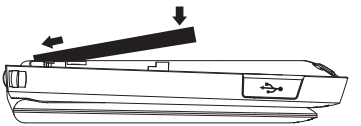
1 Open the micro-USB and headphone jack connector covers. Slide the battery door down until it is released.



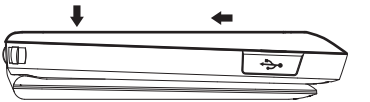
2 Remove battery door.



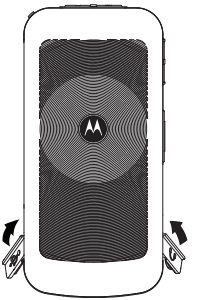
3 Insert battery as shown below. Push the battery down until it snaps in place.



4 Replace the battery door.



5 Close the micro-USB and headphone jack connector covers.



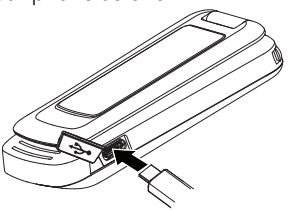
battery charging

New batteries are not fully charged.

See "Battery Use and Safety" on page 83.

charge using the charger

1 Pull out the connector cover, and insert the charger into the accessory connector on your phone as shown.



2 Plug the other end of the charger into the appropriate electrical outlet.

When you charge the battery, the battery level indicator at the upper right of the screen shows charging progress. At least one segment of the indicator must be visible to ensure full phone functionality while charging.

charge from your computer

You can partially charge your phone's battery by connecting a Motorola-approved USB cable from your phone's micro-USB port to a high power USB connector on a computer (not a low-power one, such as the USB connector on your keyboard or bus-powered USB hub). Typically, USB high-power connectors are located directly on your computer.

Note: The phone will be charged at a slower rate than it is charged with the rapid charger.

Your computer must be turned on, and you must have correct software drivers installed on your computer. If the Phone is off when the USB cable is connected between the computer and the phone, the phone will

power up in charging mode. This mode allows the phone to charge fastest and quickest.

Note: If the battery is very low, the phone will not turn On, but it will continue to charge at a low rate. The phone will power up in charging mode when the battery has been charged to approximately 5% of its capacity. For faster charging under a very low battery condition, it is recommended to use the rapid charger supplied with the handset.

If the phone is turned on while charging from a computer, it will not fully charge the battery. In this case, the battery charge will be maintained approximately between 80% and 95% of the battery's capacity. Cables and software drivers are available in Motorola Original™ data kits, sold separately.

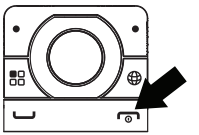
Tip: Motorola batteries have circuitry that protects the battery from damage from overcharging. Of course, unplugging the charger from the wall will prevent the battery from overcharging.

battery indicators

	The battery is at approximately 100% to 90% capacity when the indicator is blue and displaying three bars.
	The battery is at approximately 65% capacity when the indicator is green and displaying two bars.
	The battery is at approximately 10% capacity when the indicator is yellow and displaying one bar.
	The battery is at approximately 5% capacity when the indicator is red and has a flashing red bar.
	The battery is charging.

turn it on & off

To turn on your phone, press and hold ⏻ for a few seconds or until the display turns on.



To turn off your phone, press and hold ⏻ for two seconds.

Note: If you press ⏻ for more than four seconds, the handset will power "On" on "Transmitter Off" mode. See "transmitters" on page 56.

enable security

You must enable security the first time you power on you phone or within 10 days of first activation.

1 Press ⊙ under **Ok**.

2 You are prompted to enable security. Press ⊙ under **Yes**. A series of screens followed by the default home page displays.

3 Press ⏻ to return to the home screen.

make a phone call

Enter a phone number and press ⌴ to make a call or use a voice name. See "voice names" on page 60.

Note: For best call quality avoid covering the antenna with your hand.

To hang up press ⏻.

answer a phone call

When your phone rings and/or vibrates, you have the following options to answer:

1 If you want to answer the call on the handsfree speaker phone, press the speaker key with the flip closed. To hang up press the smart key.

2 If you want to answer the call using the handset, just open the flip and press. To hang up press or close the flip.

Note: You must have the **Flip Activation** feature On. See "advanced calling" on page 70.

make a private call

With Private calls service, you use your phone as a long-range, digital 2-way radio using one-to-one Private calls or one-to-many group calls.

Your Private ID is the number at which you receive one-to-one Private calls.

Talkgroup numbers are numbers through which you receive one-to-many group calls.

To make a private call

1 Enter the Private ID you want to call.

2 Press and hold the PTT button. Begin talking after your phone emits a chirping sound.

3 Release the PTT button to listen.

To end the call press.

Note: A Private call ends automatically if there is no activity on the call for a few seconds.

Tip: To let someone know you want to talk to them on a Private call, press under **Alert**.

answer a private call

1 When your phone emits a chirping sound or vibrates to indicate you are receiving a Private call, wait for the caller to finish speaking.

2 Press and hold the PTT button and begin talking after your phone emits a chirping sound.

3 Release the PTT button to listen.

To end the call press ⊡ under **Exit**.

store a phone number or private ID

You can store a phone number or Private ID in **Contacts**:

1 Press ⊞ > **Contacts** > **[New Contact]**.

2 Enter a name for the new entry. Each entry's name can contain up to 20 characters.

3 Select **Ringer** if you wish to assign a specific ring tone to that phone number.

4 Select a type for the entry (**Mobile**, **Private**, **Work1**, **Work2**, **Home**, **Email**, **Fax**, **Pager**, **Talkgroup**, **SDG**, **IP** or **Other**). To store a Private ID, choose **Private**.

5 Enter the number for the entry and press ⊡ under **Done** to save the entry.

Tip: Before saving the entry, you can save more information. You can store E-mail addresses, IP addresses, or Talkgroup IDs. You can assign each number a speed dial number and voice name. You can also create Contact entries that are groups of Private IDs called Group IDs and/or SDG lists.

After you have saved the number, the new Contacts entry is displayed.

call a stored phone number or private ID

Shortcut: From the home screen press ⊡ under **Contcs**

or

Find it: ⊞ > **Contacts**

1 Scroll to the **Contacts** entry.

Tip: By pressing the first letter of the name of the **Contacts** you want, you will be taken to all the contact names starting with the letter you pressed.

2 If the Contacts entry contains more than one number, scroll left or right until the type of the number you want to call is displayed (**Mobile**, **Private**, **Work1**, **Work2**, **Home**, etc.).

3 If you choose a phone number, press ⌨ to call the entry.

or

If you choose a Private ID, Talkgroup ID, or SDG List, press and hold the PTT button to call the number.

Tip: If the Contacts entry you scrolled to contains a Private ID, you can make an instant Private call to that Private ID by pressing and holding the PTT button, even if the Private ID is not the type of number displayed.

your phone number and Private ID

Find it: ⊞ > **My Info**

Tip: Want to see your phone number or Private ID while you're on a call? Press ⊞ > **My Info**.

text messages

If your service provider offers text messaging, your phone sends text messages using Mobile Originated Short Messaging Services (MOSMS) and receives text messages from other phones that are using MOSMS.

Note: The messaging menus may look slightly different, depending on the messaging setup of your phone.

set it up

Before you begin using text messaging, you may need to set up your signature, service center number, and expiration information.

Shortcut: From the home screen press ⊙ under **Mesg** > ⊞ > **Text Msg Setup**.

or

Find it: ⊞ > **Messages** > ⊞ > **Text Msg Setup**

The following options become available:

option
Signature: Enter your signature (up to 11 characters long).
Delivery Rpt: Set this option to **On** if you want your phone to show you when the message has been delivered.
Srvc Cntr No: Enter the phone number of your service center. If you do not know this number, contact your service provider.
Expire After: This is the amount of time messages you send are saved at the service center if they cannot be delivered. After this period, they are discarded. Scroll to select the number of days you want your messages to be saved.
Cleanup: Controls how long messages remain in the **Inbox** and **Outbox** before they are deleted. See "cleanup" on page 44.
Quick Notes: Quick notes are short, pre-written text messages that you can create, edit, and send in your text messages. You can store up to 20 quick notes. A quick note may be up to 30 characters long. You can create a **[New Note]** or press ⊙ under **Edit** to change the pre-written quick notes.

Press ⊙ under **Done** to save the information you entered.

receive a text message

1 To view the message press ⊙ under **Read**.

2 To dismiss the message notification press ⊙ under **Exit**.

Note: If your phone is powered off when you receive a text message, your phone notifies you the next time you power it on. If you are out of your coverage area, your phone alerts you when you return to your coverage area.

Tip: While reading a text and numeric message that contains a phone number, you can press ⌴ to call that number.

read from the message center

1 From the home screen press ⊙ under **Mesg** > **Inbox** > **Text Inbox.**

2 Select the message you want to read or press the number of the message you want to read. If the message fills more than one screen, scroll to read it.

Tip: Scrolling through one message lets you view the next message.

3 To reply to the message, press ⊙ under **Reply** or to see all other choices, including forwarding and deleting the message, calling the sender, or storing the sender's number in **Contacts**, press ⊞.

create and send text messages

1 From the home screen press ⊙ under **Mesg** > **[Create Mesg]** > **[Create Txt Msg]**.

or

Select **Inbox** > **Text Inbox**, or **Outbox** > **Text Outbox**, or **Drafts** > **Text Draft**.

2 To address the message use the keypad to enter the phone number of the person

you want to send the message to and press OK.

or

Press ⊙ under **Browse**, and select **Recent Calls**, **Contacts** or **Memo** to find the number you want.

3 Select **Msg** and enter the text of the message or to use a quick note press ⊙ under **Browse** and scroll to the quick note you want.

4 Press ⊞ > **Set Send Method** and select **Text**, **Fax**, **x400**, **Paging**, **Email**, **ERMES**, or **Voice**.

5 If you want to send the message, press ⊙ under **Send** or to delete the message without sending it, press ⊙ under **Cancel**.

Note: If you want to request confirmation of delivery press ⊞ > **Delivery Report** > **On**.

use drafts

When you save a message as a draft, it is saved in the drafts folder.

Shortcut: From the home screen press ⊙ under **Mesg** > **Drafts** > **Text Draft**.

1 Select the draft you want to edit. You also have the choice to create new text messages from this menu.

2 To edit the fields you want to change, follow step 2 through step 5 in "create and send text messages" above.

resend text messages

Shortcut: From the home screen press ⊙ under **Mesg** > **Outbox** > **Text Outbox**.

1 Scroll to the message you want to resend or press the number of the message you want to resend.

2 Press ⊙ under **Resend**.

delete sent text messages

Shortcut: From the home screen press ⊙ under **Mesg** > **Outbox** > **Text Outbox**.

1 Scroll to the message you want to delete.

2 Press ⊙ under **Delete**.

3 Press ⊙ under **Yes** to confirm.

delete all unlocked sent messages

Shortcut: From the home screen press ⊙ under **Mesg** > **Outbox** > **Text Outbox**.

1 Press ⊞ > **Delete All**.

2 Press ⊙ under **Yes** to confirm.

go to a website

If a message contains one or more website URLs, you can go to that website. See "go to a website" on page 40.

manage memory

Your text inbox, outbox, and drafts folder have a set amount of memory available for storing messages.

The text inbox holds 20 messages. If the text inbox is full, you cannot receive messages until you delete some.

The outbox and drafts folder share memory space. Together they can hold 30 messages. If the outbox and drafts folder memory is full, you cannot send messages or save drafts until you delete some.

To view the amount of memory available in your text inbox:

Shortcut: From the home screen press ⊙ under **Mesg** > ⊞ > **Text Msg Setup** > **Mem Mtr-Inbox**.

To view the amount of memory available in your outbox and drafts folder:

Shortcut: From the home screen press ⊙ under **Mesg** > ⊞ > **Text Msg Setup** > **Mem Mtr-Other**.

using your handset as a modem

Your phone can be connected to a computer via USB for use as a modem. For more specific information on how to setup your phone for use with your computer please visit **www.motorola.com/support** and look under the FAQ section.

media center

The media center lets you access pictures and audio recordings stored in your phone's memory.

The following audio recordings can be accessed through the media center:

- Voice records
- Musical ring tones in the list of ring tones
- Audio recordings saved from MMS messages received
- Audio recordings downloaded to your phone

Items in the media center can be sent in MMS messages. See "MMS" on page 31.

Pictures in the media center can be sent in Private calls using Send via PTT.

Audio files supported by the Media Center include:

Format	Sampling Rates/Bit Rates
.au	8 KHz/8 kbps
.midi	8 KHz, Type 0
.mp3	8 KHz/192 kbps
.wav	8 KHz/64 kbps

Note: Stereo audio files are not supported by the Media Center.

Image files supported by the Media Center include:

Format	Max. Image Size (in pixels)
.png	640 x 480
.gif	640 x 480
.jpg	640 x 480
.wbmp	127 x 127

PTX features

With *Push To View* features, your phone can send and receive the following items through Private calls with other phones that have this capability:



- Short text messages[1]
- Pictures[1]
- Datebook events
- My Info
- Contact information

You can choose to send My Info and contact information to any Private ID.

You can choose to send pictures, messages, events to the Private ID you are engaged in a a Private call with, Private IDs on the **Recent Calls** list, and Private IDs stored in **Contacts**.

When you make or receive a Private call, your phone automatically determines whether the phone you are engaged in a Private call with is able to receive each of these items. Your phone saves this information for as long as the Private ID is on your **Recent Calls** list or is saved in your **Contacts**. Your phone updates the saved information each time you make or receive a call to or from that Private ID.

1. Additional charges may apply.

You can turn your phone's ability to send and receive messages, pictures, events on and off.

Note: You cannot send PTT feature items during Talkgroup calls or SDG calls.

send messages

The Push to Send Messages feature lets you send short text messages through Private calls.

When you send a message, it appears on the display of the phone you are engaged in the Private call with. The message won't be stored in the recent calls list.

begin a message and choose a recipient

You can begin a message during a Private call, from the **Contacts** list, the **Recent Calls** list, or from the **PT Manager**.

begin a message during a Private call:

While in a Private call, press ⊞ > **Use PTT Feature** > **Send Message**.

begin a message from the Contact or the Recent Calls list

1. From the **Contacts** or the **Recent Calls** list, select the entry containing the Private ID you want to send the message to.
2. Press ⊞ > **Use PTT Feature** > **Send Message**.

begin a message from the PT Manager

The **PT Manager** lets you select the Private ID you want to send the message to from **Contacts** or the **Recent Calls** list.

Find it: ⊞ > **PT Manager** > **Send Message**

Then select **A Contact** or **A Recent Call** to see a list of entries from the **Contacts** or the **Recent Calls** list that can receive messages.

create messages

After you have begun a message and chosen a recipient, a screen appears that lets you create the text of the message you want to send. Your message may be up to 400 characters long.

You can choose from a list of ready-made words or short phrases called Quick Notes. You can use a Quick Note as it is or edit it before you send it. Editing a Quick Note changes the Quick Note for this message only and will not change the Quick Note on the list.

send a completed message

After you have completed your message, press the PTT button to send it.

receive messages

When you receive a message, a message notification appears on the display. To view the message press OK.

To dismiss the message press ⊡ under **Dismiss**.

reply to a message

1. View the message.
2. Press ⊡ under **Reply**.
3. Create the message and press the PTT button to send it.

send pictures



You can send pictures stored in **Media Center** through Private calls. The picture you send appears on the Private call recipient's display.

If the recipient accepts the picture, their phone saves the picture.

The first time you send a stored picture after turning the phone on, **Picture Fees May Apply. Continue?** appears and you are prompted to respond.

Note: You cannot make or receive Private calls while transmitting or receiving a picture.

send a picture during a call

1 While in a Private call, press ⊙ under **Picture** or press ⊞ > **Use PTT Feature** > **Send Picture**.

A list of pictures that can be included in a Private call appears.

2 Select the picture you want to send.

3 Press the PTT button to send the picture.

4 Wait while the picture is transmitted. The Private call is temporarily interrupted while a picture is transmitted.

5 When prompted, press the PTT button to resume the Private call.

start a call by sending a picture

from Media Center

Find it: ⊞ > **Media Center**

1 Select the picture you want to send.

2 Press ⊞ > **Send Via...** > **Send via PTT**.

A list of contacts that have Private IDs and are able to receive pictures appears.

3 Select the name of the person you want to send the picture to.

4 Press the PTT button to send the picture.

5 When prompted, press the PTT button to resume the Private call.

from the PT Manager:

Find it: ⊞ > **PT Manager** > **Send Picture**

1. Select **A Contact**, or **A Recent Call** to see a list of entries that can receive pictures.
2. Select the entry containing the Private ID you want to send the message to.
3. Select the picture you want to send.
4. Press the PTT button to send the picture.
5. Once picture has been sent, when prompted press the PTT button to resume the call.

receive a picture

When someone sends you a picture, your phone emits a tone or vibrates and a message appears asking if you want to accept the picture.

Pictures you receive are saved to your phone's memory. They are accessible through **Media Center**.

When you see a message asking if you want to accept the picture, press **Yes** to accept or **No** to decline.

Tip: If you want to stop the transmission before it is finished, press ☎.

Note: The first time you accept a stored picture after turning the phone on, **Picture Fees May Apply. Continue?** appears and you are prompted to respond. Press ⊙ under **Yes** to accept the picture.

clear a picture from the display

If you want to clear a picture from your phone's display while still on a call, press ⊞ > **Clear Screen**.

The picture will not appear on the display again the next time you receive a call from

person who sent it. This does not delete the picture from **Media Center**.

send My Info

1 While in a Private Call press ⊞ > **Send via PTT**, and push the PTT button to send.

or

2 From the home screen press ⊞ > **My Info** > ⊞ > **Send via PTT** and push the PTT button to send.

set my info sending option

You can control what portion of the information in **My Info** is sent and whether it is sent automatically in every call or only when you choose to send it.

Find it: ⊞ > **PT Manager** > **Configure** > **PTT My Info** > **Info to Send**

1 Select or remove the fields you want to send.

2 Press ⊡ under **Done**.

The information your phone sends always includes **My Name** and **Private**. You may also send **Line 1**, **Line 2**, **Carrier IP**, and **Circuit Data** depending on your sending options.

automatic sending

To control whether you send your information automatically:

Find it: ⊞ > **PT Manager** > **Configure** > **PTT My Info** > **Auto Send**

1 Select **On** or **Off**.

When you make a call in which your information is sent automatically, the name you entered in the **My Name** field of **My Info** appears on the display of the recipient's phone, even if your name and Private ID are not stored in the recipient's Contacts.

send contact information

1 While in a Private Call press ⊞ > **Use PTT Feature**.

2 Select **Send Contact** and select the contact information you want to send.

3 Push the PTT button to send.

or

1 From the home screen press ⊞ > **PT Manager** > **Send Contact**.

2 Enter the Private ID number of the person you want to send the Contact information to or press ⊡ under **Browse**.

3 Select from **Recent Calls**, **Contacts**, or **Memo**.

4 Select the contact information you want to send and push the PTT button.

turn PTT features on and off

You can turn your phone's ability to send and receive messages, pictures, and Datebook events on and off.

You cannot turn your phone's ability to send and receive My Info and contact information on and off.

Find it: ⊞ > **PT Manager** > **Configure**

1 Select **On/Off PTT**.

2 Check or uncheck **Messages**, **Pictures** and/or **Events**.

one touch PTT

Find it: ⊞ > **PT Manager** > **Configure** > **One Touch PTT**

One Touch PTT sets your phone to do any of the following each time you press the PTT button from the home screen:

option
Off: Nothing happens when you press the PTT button from the home screen.
Last Call: Call the most recent Private ID or Group on the recent calls list.
Assigned No.: Call a Private ID you assign. Enter the number using your keypad, or press ⊙ under **Search**. Select **Contacts**, **Recent Calls**, or **Memo**. **Note:** If you are entering a Talkgroup number, enter # before the number.
PT Manager: Go to PT Manager. See "PT manager" on page 30.
Send Message: Go to the first screen to send a message.
Send Picture: Go to the first screen to send pictures. See "send pictures" on page 25.
Send Event: Go to the first screen to send a Datebook event.
Send My Info: Go to the first screen to send My Info. See "send My Info" on page 28.
Send Contact: Go to the first screen to send a contact. See "send contact information" on page 29.

PT manager

The **PT Manager** lets you quickly access PTT features, and other Private call features, from the main menu.

You can also access the Quick PTT feature and set the One Touch PTT feature.

Find it: ⊞ > **PT Manager**

1 Select **Quick PTT** to quickly find a contact that has a Private ID.

or

2 Select **Send Message**, **Send Picture**, **Send Event**, **Send My Info**, or **Send Contact**. After choosing what PTT item you are sending, select a contact and press the PTT button to send.

or

3 Select **Configure** to configure your **PTT Quick Notes**, **PTT My Info**, **One Touch PTT**, or **On/Off PTT**.

MMS



Multi-Media Messaging Service (MMS) lets you send and receive messages that may include text, pictures and audio recordings.

create a message

Shortcut: From the home screen press ⊙ under **Mesg** > **[Create Mesg]** > **[Creat MMS Msg]**.

or

Find it: ⊞ > **Messages** > **[Create Mesg]** > **[Creat MMS Msg]**

1 Select **To** and add the phone number or email address or select from **Contacts** or **Recent Calls** and press ⊙ under **Done**.

Tip: To remove a phone number or email address from the list of message recipients, scroll to the phone number or email address and press ⊙ under **Remove**.

When you are finished addressing the message, press ⊙ under **Back**.

To enter or edit the body of the message:

2 Select **Mesg** and enter text or press ⊙ under **QNotes** to select a pre-written quick note.

3 When you have finished entering text, press OK.

4 Press ⊙ under **Send**.

more message options

To view more message fields in a message you are creating, select **.....MORE.....** or press ⊙ under **More**.

option
Subject: Create or edit the subject line.
Attach: Attach a picture, audio file or voice record.
Cc: Send a copy of this message to someone else.
Auto Replies: Allows you to create a list of possible short answers for the recipient to choose when replying to your message.
Priority: Set priority **Normal** or **High**.
Report: Set receipt confirmation **On Delivery**.
Valid Until: Set a date after which attempts to deliver the message end, or press ⊙ under **No Date**.

reply to a message

You can reply to a message while you are viewing it, or while a previously viewed message is highlighted in the message center. You cannot reply to unread messages.

To reply to a message:

1 View the message you want to reply to.

2 To reply to the sender only, press ⊙ under **Reply** or if you wish to include all the people copied in the message, press ⊙ under **Reply All**.

A list of short phrases appears. Select any of these phrases to add it to your messages or select **[Create Reply]**.

3 Edit any message fields you want to change.

4 Press ⊙ under **Send**.

quick notes

When you are filling in the **Message** and **Subject** message fields, you can add ready-made words or short phrases called Quick Notes. After you add these words or phrases, you can edit them as you would any other text.

1 While you are creating a message, scroll to or select **Message** or **Subject**.

2 Press ⊙ under **QNotes**.

Select the Quick Note you want to insert into the message.

3 Press ⊙ under **Send**.

attach a picture, audio and voice recording

You can attach one or more pictures, audio or voice recordings from your phone into the body of the message. You can include text in the body of your message in addition to these items.

While you are filling in the **Attach** field, press **[New]** > **Browse Pictures** or **Browse Audio**.

A list of available pictures, audio and voice recordings appears.

Select the picture, audio or voice record you want to attach.

Tip: To view or listen to the item before attaching it, highlight it and press **Preview**.

Note: You can only attach audio files and pictures if they are not forward locked and if their DRM settings do not prevent you from sending.

Forward locked items are usually copyright protected, and you cannot share them with anyone, such as in Private calls or by uploading them from your phone.

create a new voice record

You can create a new voice record to send with a message:

1. Press ⊞ or press ⊙ under **Attach** > **[New]**.
2. Select **Record Voice**.
3. Say the message you want to record into the microphone.
4. When you are finished recording, press OK.
5. When you are finished, press ⊙ under **Done**.

The voice record is attached to the message and saved to the list of voice records.

remove an attachment

To remove an attachment in a message you are creating:

1. Select **Attach**.
2. Scroll to the attachment you want to remove.
3. Press ⊞ > **Unattach**.

drafts

While you are creating a message, you can save it in the MMS drafts folder before you send it.

You can view, edit, send, or delete saved drafts.

save a message in the MMS drafts folder

From the Message center press ⊞ > **Save**.

You can continue to create the message. The version you saved in the MMS drafts folder will not change.

send a draft

Shortcut: From the home screen press ⊙ under **Mesg** > **Drafts** > **MMS Drafts**.

1 Select the draft you want to send.

2 Press ⊙ under **Send**.

edit a draft

Shortcut: From the home screen press ⊙ under **Mesg** > **Drafts** > **MMS Drafts**.

Select the draft you want to edit and press OK.

delete a draft

When you send a draft, it is removed from the MMS drafts folder.

To delete a message in the MMS drafts folder without sending it, scroll to the message you want to delete and press ⊙ under **Delete** and ⊙ under **Yes**.

MMS outbox

MMS messages you have sent or tried to send are stored in the MMS Outbox.

forward items from the outbox

Shortcut: From the home screen press ⊙ under **Mesg** > **Outbox** > **MMS Outbox**.

1 Scroll to the message you want to forward.

2 Press ⊞ > **Forward**.

3 Edit and send your message.

resend

If a message was not sent from your handset, you can resend it.

Shortcut: From the home screen press ⊙ under **Mesg** > **Outbox** > **MMS Outbox**.

1 Scroll to the message you want to resend.

2 Press **Resend**.

Note: If your message was sent successfully, **Resend** will not appear as an option.

check delivery status

If a message was successfully sent and you set the message to give a report confirming delivery, you can check the delivery status:

Shortcut: From the home screen press ⊙ under **Mesg** > **Outbox** > **MMS Outbox**.

1 Scroll to the message you want to view.

2 Press ⊞ > **Delivery Status**.

delete a message

1 Scroll to the message you want to delete.

2 Press ⊙ under **Delete**.

or

3 Press ⊞ > **Delete Multiple**.

4 Select the message or messages you want to delete.

5 Press ⊙ under **Delete** to confirm.

receive a message

When you receive an MMS message, a message notification appears on the display.

1 To view the message press OK.

2 If the message fills more than one screen, use the navigation key to scroll down and read the remaining text.

message notifications

When you receive a message, your phone notifies you with text on the display, a notification tone or vibration.

You can access the message or dismiss the notification.

If you dismiss the notification, the message is not deleted. It can be accessed through the message center.

If you are not on a phone call when you receive a message, your phone sounds a notification tone every 30 seconds until you access the message or dismiss the alert.

If you are on a call when you receive a message, your phone may sound a notification tone during the call or after you end the call, depending on how you set your notification options.

set notification options

To control whether your phone sounds message notification tones while you are on a phone call:

Find it: ⊞ > **Settings** > **Phone Calls**> **Notifications**.

Select from the following options:

option
Receive All: Tones sound during calls for all types of messages.
Msg Mail Only: Tones sound during calls for mail messages; tones for all other types of messages are held until you end calls.
Delay All: Tones for all types of messages are held until you end calls. **Note:** **Delay All** is the default setting.

Tip: To set notification options during a call press ⊞ > **Call Setup** > **Notifications**.

embedded objects and attachments

Messages may contain pictures or audio recordings as part of the body of the message or as attachments.

If a message contains pictures or audio recordings in the body of the message, highlight each picture or audio recording to view or play it.

If a message contains a picture or audio recording as an attachment, open the attachment to view the picture or play the audio recording.

open attachments

1 View the message.

2 Highlight the attachment you want to open and press OK. Attachments appear at the end of a message.

Note: Attachments that are of an unknown type cannot be opened, but they can be deleted.

view received messages from the message center

Shortcut: From the home screen press ⊡ under **Mesg** > **Inbox** > **MMS Inbox**.

use auto replies

If the message you are replying to was sent with auto replies, it contains a numbered list of possible replies for you to send. Press the number of the reply you want to send. The reply is sent immediately without further action.

delete unread messages

1 Scroll to the message you want to delete.

2 Press ⊡ under **Delete**.

3 Press ⊙ under **Yes** to confirm.

forward a message

1 Press ⊞ > **Forward**.

2 Create and send your message. Embedded objects and attachments are included when you forward a message.

lock and unlock messages

Locked messages cannot be deleted until you unlock them.

1 View the message you want to lock or unlock.

2 Press ⊞ > **Lock Message** or ⊞ > **Unlock Message**.

call a number in a message

If a message you receive contains a phone number, Private number, or Talkgroup ID in the From field, the To field, the Cc field, the subject line, or the body of the message, you can call or send a call alert to that number.

send a call alert

1 View the message.

2 Highlight the Private number or Talkgroup ID you want to alert.

3 Press ⊞ > **Alert**.

4 Push the PTT button.

make a group call

1 View the message.

2 Press ⊞.

3 Highlight the Talkgroup ID you want to call.

4 Select **Talkgroup**.

5 Push the PTT button.

store message information to contacts

If a message you receive contains a phone number, Private number, Talkgroup ID, or an email address in the From field, the To field, the Cc field, the subject line, or the body of the message, you can store this information to Contacts.

1 View the message.

2 Highlight the number or email address you want to save.

3 Press ⊞ > **Save Number** or ⊞ > **Save Email**.

4 To store the number or email address as a new entry, select **[New Contact]**.

To store the number or email address to an existing entry, select the entry.

5 With the Contacts type field highlighted, scroll left or right to display the Contacts type you want to assign the number or email address.

6 Press ⊡ under **Done**.

go to a website

If a message contains one or more website URLs, you can go to that website.

1 View the message.

2 Highlight the website URL you want to go to.

3 Press ⊞ > **Go To Website**.

Note: The entire URL must appear in the message to allow you to open the website.

save an embedded picture or audio recording

To save a picture or audio recording that is part of the body of a message you receive:

1 View the message.

2 Highlight the picture or audio recording you want to save.

3 Press ⊞ > **Save Picture** or ⊞ > **Save Audio**.

The item will save in the default storage location.

Note: Some types of pictures and audio recordings can be viewed or played, but not saved.

delete an embedded picture or audio recording

To delete a picture or audio recording that is part of the body of a message you receive:

1 View the message.

2 Highlight the picture or audio recording you want to delete.

3 Press ⊞ > **Delete Picture** or ⊞ > **Delete Audio**.

save attachments

1 View the message.

2 Highlight the attachment you want to save.

3 Press ⊞ > **Save Attachment**.

Selected items save to the default storage location.

Note: Some types of pictures and audio recordings can be viewed or played, but not saved. You may save pictures and audio recordings from slide shows individually as you view or listen to them.

save a picture

1 View the slide show.

2 When the picture you want to save appears, press ⊞ > **Save Picture**.

save audio

1. View the slide show.
2. Press ⊞ > **Save Audio**.
3. If the slide show contains more than one audio recording, a list of the audio recordings appears. Select the audio recording you want to save.

message transmission

After you start to send a message you have created or start to download a message you have been sent, you can still stop the message transmission from being completed.

With the flip closed, press the smart key on the top ⊡. Opening or closing the flip does not interrupt message transmission.

customize MMS

Find it: ⊞ > **Messages** > ⊞ > **MMS Setup**

This option is available from many context-sensitive menus when you are using MMS.

The MMS Setup menu lets you customize MMS for your handset with the following options:

option
Friendly Name: Enter text here to create a friendly name. Your friendly name is the name displayed in the **From** field on other iDEN handsets when they receive messages from you.
Signature: Enter text here to create a signature. Your signature is text that is automatically inserted at the end of all messages you create. You can edit the text before sending the message.
Quick Notes: Lets you create new Quick Notes and edit or delete Quick Notes you have created.

option
Replies: Lets you create new reply phrases and edit or delete reply phrases you have created.
Cleanup: Controls how long messages remain in the Inbox and **Outbox** before they are deleted.
Downloads: Controls whether your phone automatically downloads new messages when they arrive, or only after you respond to a prompt or read the message from the Inbox. Set this option to **Automatic** if you want your phone to download new messages automatically; set the option to **Manual** if you want your phone to prompt you before downloading new messages.
Memory Size: Shows the total amount of **Used**, **Free**, and total **Capacity** of the phone's memory.

new quick notes and reply phrases

create quick notes

1. From the MMS Setup menu, select **Quick Notes** or **Replies**.
2. Select **[New Quicknote]** or **[New Reply]**.
3. Enter text from the keypad.

edit quick notes

You can edit only Quick Notes and reply phrases you have created.

1. From the MMS Setup menu, select **Quick Notes** or **Replies**.
2. Select the Quick Note or reply phrase you want to edit.
3. Edit the text.

delete only Quick Notes and reply phrases you have created

1 From the **MMS Setup** menu, select **Quick Notes** or **Replies**.

2 Scroll to the Quick Note or reply phrase you want to delete.

3 Press ⊙ under **Delete**.

4 Press ⊙ under **Yes** to confirm.

cleanup

The **Cleanup** option controls how long messages remain in the **MMS Inbox** and **MMS Outbox** before they are deleted. You set the cleanup option for the Inbox and Outbox separately.

The cleanup option only deletes unlocked read messages from the Inbox, and sent messages from the Outbox for MMS.

Find it: ⊞ > **Messages** > ⊞ > **MMS Setup** > **Cleanup**

1 Select **Inbox** or **Outbox**.

2 Choose a cleanup option from the following list:

option
Off: Messages are never automatically deleted.
5 Messages: If you have more than 5 messages, messages are deleted in the order they were received, starting with the oldest, until 5 are left.

option
10 Messages: If you have more than 10 messages, messages are deleted in the order they were received, starting with the oldest, until 10 are left. With these options, messages are deleted in the order they were received, starting with the oldest, until the selected number are left.
1 Day: Messages are deleted if they are older than 1 day.
3 Days: Messages are deleted if they are older than 3 days. With these options, messages are deleted when you exit the message center after setting the option.
F-In F-Out: The earliest message added to the queue will be the first to be deleted (First in/ first out). (MOSMS only)
Custom: Lets you create a clean-up option of up to 99 messages or 99 days.

3 Press ⊙ under **Yes** to automatically delete messages now or press ⊙ under **No** to delete messages later.

delete multiple or all messages

To delete multiple messages, all read and unread unlocked messages from the MMS Inbox, all messages in the MMS Drafts folder, or all successfully sent messages in the MMS Outbox:

Find it: ⊞ > **Messages**

1 Select **Inbox**, **Drafts**, or **Outbox**.

2 Press ⊞ > **MMS Inbox**, **MMS Drafts**, or **MMS Outbox** > ⊞ > **Delete Multiple**, and check the messages you want to delete.

or

3 Select **Delete All** and press ⊙ under **Yes** to confirm.

Note: Locked messages cannot be deleted from the Inbox.

Mike wireless web services

Your handset is equipped with a microbrowser that can be used to access Mike's Wireless Web Services and other up-to-the-minute information. You can view specially designed text versions of popular Internet sites that provide news, sports, weather, entertainment, stock quote sites, and other useful information.

access the microbrowser

The first time you use the microbrowser, you will be required to go through a security setup process that takes approximately one to three minutes. Please follow the on-screen prompts to complete the security setup process. This setup process will only occur the first time you use the service.

Find it: ⊞ > **Browser**

1 Once connected, the Homepage (or the last page visited) will be displayed. To access the Home menu page from any other menu in the microbrowser, press ☎.

2 To view additional text while visiting a site, use the navigation key to scroll to read it.

navigate the microbrowser

When you use the microbrowser, some keys on your handset operate differently than

during a normal phone call. These keys are explained below:

	Home key - press to return to the default Home page (the page first seen when you launch the browser). Press and hold for two seconds to exit the browser.
	Asterisk/Back key - press to return to the previous page viewed before the current page.

access the browser menu

1 Press and hold to access the browser menu.

2 Scroll to select the desired option.

3 Press under **Ok** to initiate the option.

option
Exit Browser - closes the browser and returns you to the idle screen. Use this option when you want to return to the page currently viewed at a later time, without navigating through the entire menu structure again.
Reload - reloads the current Wireless Web page viewed, refreshing the information with the most current from the information provider.
Home - returns you to your default Home page, the first page you see when launching the microbrowser.
Bookmarks - allows you to access bookmarks you have created using the Bookmark option.

option
Mark Site - identifies sites you would like to visit easily and quickly from your microbrowser.
About Phone.com - contains information about the version of the Phone.com browser loaded on your handset.
Advanced Options - helps troubleshoot any service issues you may have with your browser.

end the microbrowser session

At any point in the session, press and hold ⏻ for two seconds to exit the microbrowser.

Bluetooth®

Your phone supports the use of wireless Bluetooth headsets.

Find it: ⊞ > **Bluetooth**

The Bluetooth connection menu contains an option to search for audio devices.

turn Bluetooth On or Off

You can turn your phone's Bluetooth feature on or off. While Bluetooth power is on, your phone can communicate with other devices.

Find it: ⊞ > **Bluetooth** > **Setup** > **Power** > **On**

1. Select **Name** if you wish to assign a name to your handset.
2. Select **Find Me Time** to determine the amount of time in which your handset can be found by other Bluetooth devices.

Tip: You can turn off Bluetooth if you want to prolong battery life or if you enter an area where Bluetooth is prohibited.

make a Bluetooth connection

connect your phone with a Bluetooth headset

Find it: ⊞ > **Bluetooth** > **Hands Free** > **[Find Devices]**

1. Follow the instructions on your Bluetooth headset to set it up to be found.
2. Once your Bluetooth headset is set to be found press OK on your handset. Your phone will scan the Bluetooth headset until it finds it. Press OK when you see the name of the Bluetooth headset on your screen.
3. Your phone requires that you create a bond in order to connect with a Bluetooth headset. Press • under **Yes** when you are prompted to bond with the headset.
4. Enter the Bluetooth pass key.

 Some Bluetooth devices ship with Bluetooth PINs. Please refer to your Bluetooth device's user guide to locate this information.

 If a device ships without a Bluetooth PIN, then refer to its user guide to set the PIN on that device. To establish a connection to that device, enter the same PIN for both your phone and the device. For example, if you enter 1234 as the device's PIN, then enter 1234 as your phone's PIN.
5. Press • under **Ok**.

Note: This handset offers a Bluetooth auto pair feature with auto pair compatible Motorola devices. When bonded via Bluetooth with a certain device, the pin will not be required.

connect your phone with another device

Find it: ⊞ > **Bluetooth** > **Link To Devices**

1 Select the device you want from the list of found devices on your screen.

2 Create a bond if you are prompted to do so.

Tip: If you have previously connected to a device, the device will be stored on your phone so you can connect with it easily.

use Bluetooth during a call

You can connect with available Bluetooth devices during a call.

Note: If the **Handsfree Devices** list contains only one device, then your phone will automatically try to connect to that device.

1 While in a call, press ⊞ > **Use Bluetooth**.

2 Press ⊙ under **Yes** to power On Bluetooth.

3 Select the audio device you want to connect to from the list of **Handsfree Devices**.

send information via Bluetooth

You can use your phone to send Contacts entries, or Datebook events to another Bluetooth device.

The receiving device must be within 32 feet (10 meters) of your phone in order to connect with yours.

Note: Files sent or received may be up to 200 kb, depending on your service provider.

send Contacts

Shortcut: From the home screen press ⊙ under **Contcs**.

1 Select the contact you want to send.

2 Press ⊞ > **Send Via...** > **Bluetooth**.

3 Press ⊙ under **Yes** to power On Bluetooth.

4 Select the device you want to transfer the contact information to.

or

Search for the device by selecting **[Find Devices]**.

5 If prompted, bond with the device.

Your phone connects with the device and transfers the contact.

send a Datebook event

Find it: ⊞ > **Datebook**

1 Select the datebook event you want to send.

2 Press ⊞ > **Send Via...** > **Bluetooth**.

If the event you select repeats, then you will be prompted to choose whether to send the selected instance of the event or all instances of the event.

To send only the selected instance of the event, select **This Event Only**.

or

To send all instances of the event, select **Repeat Events**.

3 Press ⊙ under **Yes** to power On Bluetooth.

4 Select the device you want to transfer the contact information to.

or

Search for the device by selecting **[Find Devices]**.

5 If prompted, bond with the device.

Your phone connects with the device and sends the datebook event.

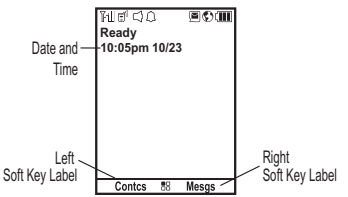
basics

See page 1 for a basic phone diagram.

display

The *home screen* shows when you turn on the phone. To dial a number from the home screen, press number keys and ⊡.

Note: Your home screen may look different.



Soft key labels show the current soft key functions. For soft key ⊡ locations, see page 1.

status indicators

Status indicators are shown at the top of the home screen:



1 **Signal Strength Indicator:** Vertical bars show the strength of the network connection. You can't make or receive calls when 𝕋 or 𝕋⊘ shows.

2 **Active Phone Line:** 1 indicates phone line 1 is ready to make calls.

3 **Speaker Off:** Sounds associated with Private calls and group calls are set to come through the earpiece rather than through the speaker.

4 **Ringer Off:** Your phone is set to not ring.

5 **Message Indicator:** Shows when you receive a text message. 

6 **Packet Data:** Your handset is ready to transfer packet data or is transferring packet data.

7 **Battery Charge Indicator:** A fuller battery indicates a greater charge. Recharge the battery when your phone shows **Low Battery.**

text entry

Some features let you enter text.

Your phone provides convenient ways to enter words, letters, punctuation, and numbers whenever you are prompted to enter text (for example, when adding a Contacts entry or when text messaging).

change the character input mode:

1 When you see a screen where you can enter text, press ⊞ to change the character input mode.

2 Select one of the following options:

entry modes	
Alpha	Press a key several times for each character.
Word	Enter words using a predictive text entering system that lets you enter a word with fewer keypresses.
Symbols	Enter symbols.
Numeric	Enter numbers by pressing the numbers on the keypad.
Languages	Lets you select the input language.

Tip: When entering text, press and hold # to change letter capitalization (**Abc** > **ABC** > **abc**).

word mode

Word English Text Input lets you enter text into your phone by pressing keys just once per letter.

Word English Text Input analyzes the letters you enter using an intuitive word database and creates a suitable word. (The word may change as you type.)

enter a word using Word Character Input:

1. Select the **Word** character input mode.
2. Press the corresponding keys once per letter to enter a word (for example, to enter the word **Jeff**, press 5 3 3 3). (If you make a mistake, press • under **Delete** or * to erase a single character. Press and hold • under **Delete** or * to delete an entire entry.)
3. To accept a word and insert a space, press #.

alpha mode

enter characters by tapping the keypad:

1. Select the **Alpha** mode.
2. Press the corresponding keys repeatedly until the desired letter appears. (For example, to enter the word **Jeff**, press 5 once, 3 two times, 3 three times, and 3 three times again. If you make a mistake, press • under **Delete** to erase a single character. Press and hold • under **Delete** to erase an entire entry.)

By default, the first letter of an entry is capitalized and the following letters are lowercased. After a character is entered, the cursor automatically advances to the next

space after two seconds or when you enter a character on a different key.

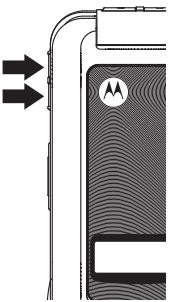
Characters scroll in the following order:

characters	
1	Space . 1 ? ! , @ & : ; " - () ' ¿ ¡ % £ $ ¥
2	A B C 2 Á Ã Â À Ç
3	D E F 3 É Ê È
4	G H I 4 Í Ì
5	J K L 5
6	M N O 6 Ó Õ Ô Ò
7	P Q R S 7 ß
8	T U V 8 Ú Ü Û Ù
9	W X Y Z 9
0	+ - 0 * / \ [] = > < # §
#	Space
*	Back

volume

Press the volume keys up or down to:

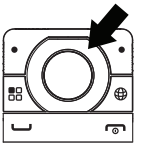
- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen



Tip: You can quickly set your ringer to **Vibrate All** by holding the down volume key in the home screen.

navigation key

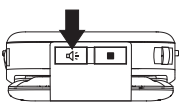
Press the *navigation key* up, down, left, or right to scroll to items in the display. When you scroll to something, press OK.



handsfree speaker

You can use your phone's hands-free speaker to make calls without holding the phone to your ear.

During a call press the speaker key to turn the hands-free speaker on.



The hands-free speaker stays on until you press the speaker key or end the call. The next phone call will redirect the audio back to the earpiece.

transmitters

Note: Consult airline staff about the use of the *Transmitters* feature during flight. Turn off your phone whenever instructed to do so by airline staff.

Transmitters turns off your phone's calling features in situations where wireless phone use is prohibited, but you can use the phone's other non-calling features when Transmitters turned Off.

Find it: > > **Advanced** > **Transmitters** > **Off**

use GPS with map software

Your phone can be connected to a PC, laptop, or PDA via USB for use as a GPS receiver. For more specific information on how to setup your phone for use with your computer please

visit **www.motorola.com/support** and look under the FAQ section.

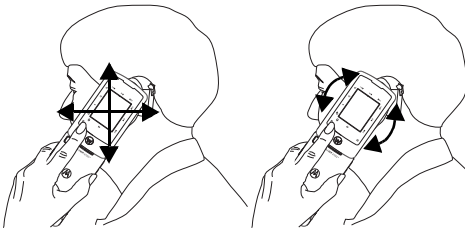
features for the hearing impaired

using your phone with a hearing aid

For best results use the following optimization procedures and handset setting. They generally apply as well for users with cochlear implants:

optimize your handset position and orientation

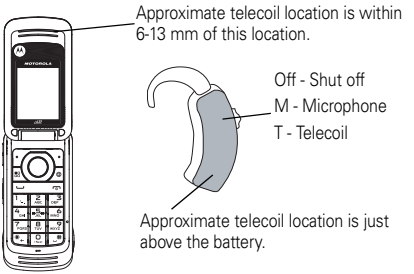
While in a phone call slide your phone up and down, then left and right until best microphone coupling is obtained. You also may need to adjust your hearing aid (HA) volume setting.



If your HA has a telecoil, activate its switch, then also rotate the handset as illustrated to align the telecoils.

Note: Some automatically switched hearing aids may need an auxiliary switching magnet.

If you are unsure whether your HA is telecoil equipped or needs an auxiliary magnet, please refer to your HA user guide or contact a hearing aid professional or supplier.



choose your hearing aid setting

Find it: > **Settings** > **Phone Calls** > **Hearing Aid**.

1 Set this option to **Microphone**. Microphone coupling is now optimized.

or

2 Set this option to **Telecoil**. Handset meets US federal requirements for telecoil coupling sound.

or

3 Set this option to **Off** (factory default). This is the setting for non HA users.

calls

To make and answer calls, see page 13.

recent calls

The **Recent Calls** list contains information associated with calls you have made and received and call alerts you have received.

When you send or receive Private calls, the Recent Call list contains the following PTT items with those calls:

- Messages
- Pictures
- Events
- My Info
- Contacts

The recent calls list displays up to 20 of the most recent calls and call alerts.

Find it: MENU > **Recent Calls**

Tip: You can also access the Recent Calls list by pressing the navigation key down.

1 Scroll through the list.

2 Highlight the item you want to view or perform some action on.

3 To view more details of the item press OK.

store an item to contacts from recent calls

Phone calls, Private calls, My Info received from other phones, or Contacts entries received from other phones can be stored to the Contacts list from the Recent Calls list.

Find it: ⊞ > **Recent Calls**

1. Scroll to or select the item you want to store.
2. Press ⊙ under **Save** to store the information as a new entry in the Contacts list.

 or

3. If **Save** is not one or you options, press ⊞ > **Update Contacts**. And select the contact you want to update.
4. Press ⊙ under **Done** to save your changes.

redial

To redial your last outgoing phone call, press and hold ⌴ or push the PTT button if it was a private call.

voice names

You can place calls by speaking commands to your phone if you have previously assigned a voice name to your contacts.

assign voice names to contacts

1. Press ⊙ under **Contcs** and select **[New Contact]**.
2. Assign a name, phone number and select **[Options]**.
3. Select **Voice Name** and follow the prompt to record the voice name.
4. Press ⊙ under **Back** and ⊙ under **Done** to save the entry.

place a call using voice command

1. From the home screen press and hold the speaker key 🔊 until you are prompted to say the voice name.

The handset will automatically place the call.

caller ID



Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, just follow these easy steps.

To block your phone number from being displayed for a specific outgoing call:

1 Press * 6 7.

2 Enter the number you want to call.

3 Press OK.

To permanently block your number, call your service provider's Customer Care.

call forward

Call forwarding sends calls to the phone numbers you specify. You can forward all calls to one number or forward missed calls to different numbers depending on the reason you missed the call. You can forward phone lines 1 and 2 independently.

Find it: MENU > **Call Forward**

1 To forward all calls select **All Calls** and select **To** to enter the phone number you want all your calls forwarded to.

or

2 You can specify a forwarding number for each type of missed call by selecting **Detailed** and choosing the following options:

If Busy: When your handset is on a call or transferring data.

If No Answer: When you do not answer on the first 4 rings.

If Unreachable: When your handset is out of coverage or powered off.

emergency calls

Your service provider programs one or more emergency phone numbers that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Your phone supports emergency calling. Emergency phone calls can be made even when your SIM card is blocked or not in your phone.

Dial 911 or your local emergency number to be connected to an emergency response center. If you are on an active call, you must end it before making an emergency call.

When you make an emergency call, your phone's GPS Enabled feature can help emergency service personnel find you, if you are in a location where your phone's GPS antenna has established a clear view of the open sky and your local emergency response center has the equipment to process location information. Because of the limitations of this feature, always provide your best knowledge of your location to the emergency response center when you make an emergency call.

Note: Emergency calls cannot be placed while the keypad is locked.

Note: If you have not registered on the network, emergency calls cannot be placed while your SIM card is in your phone.

international calls

If your phone service includes international dialing, press and hold 0 to insert your local

international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.

You can additionally enable a predefined prefix to the dialing number by using **Prepend** dialing.

Find it: ⊞ > **Settings** > **Phone Calls** > **Prepend**

1 Select **Prepend** and set it to **On**.

2 Select **Number** and add the prefix number of your choice.

When the **Prepend** feature is set to **On**, the predefined prefix is inserted to the front of the number that you are dialing.

Except that the number is led by "*", "00", "011" or the number contains "+".

Note: You can also use **Prepend** temporarily when the feature is set to **Off**. For example, enter the phone number from the home screen and press ⊞ > **Add Prepend**. The temporary prepend will be inserted to the number you are dialing.

speed dial

Each phone number stored in Contacts is assigned a Speed Dial number, which you can use to call that number.

1 From the home screen, use the keypad to enter the Speed Dial number assigned to the phone number you want to call.

2 Press #.

3 Press ⏎.

turbo dial

The first nine entries in your contacts are set for turbo dial. They can be called by pressing and holding the speed dial number (1 through 9).

voice mail

Note: To receive voice mail messages, you must first set up a voice mail account with your service provider.

receive a message

When you receive a voice mail message, **New VoiceMail Message** appears on the display.

To check voicemail messages press ⊡ under **Call**.

To dismiss the message notification:

If the flip is closed, press the smart key ⊡ on the top.

If the flip is open, press OK, **Back**, or close the flip.

If the caller leaves a message, this icon ✉ appears on the display, reminding you that you have a new message.

advanced voice mail with fax

Mike's Advanced Voice Mail with Fax allows you to receive faxes directly to your handset and store them along with your voice messages until you are ready to print. Follow the voice mail prompts to print the fax to a fax machine. It ensures privacy, convenience and eliminates the need for a separate fax line.

When you subscribe to Mike's Advanced Voice Mail with Fax, you will receive a fax number from your point of feature activation. If you have not received a fax number, please contact the nearest TELUS dealer or call TELUS client care.

Please see **www.telusmobility.com** for more details of TELUS Voice Messaging services.

fax mail Indicator

Your handset is equipped with a Fax Mail indicator to notify you when you have received a fax through Mike's Advanced Voice Mail with Fax.

Shortcut: From the home screen press ⊙ under **Mesg** > **Fax Mail**.

When you receive a new fax, New FaxMail Message appears on the display.

Your handset will alert you audibly until you press ⊙ under **Call** or ⊙ under **Exit**.

net alerts

When you receive a **Net Alert**, a notification appears on the display.

If you dismiss the notification, this icon ✉ appears on the display, reminding you that you have a new message.

ring tones

To set the ring tone your phone makes when you receive phone calls, call alerts, message notifications, pictures sent using Send via PTT or Datebook reminders:

Note: Only ring tones stored in your phone's memory are available in the ring tones list. Not all audio files can be assigned as ring tones.

Find it: ⊞ > **Ring Tones**

1 Make sure **Vibrate All** is set to **Off**.

2 Scroll through the list of ring tones and select the one you want to assign. **Vibrate** sets your phone to vibrate instead of making a sound. **Silent** sets your phone to neither vibrate nor make a sound.

Tip: Highlighting a ring tone lets you hear it.

3 Select the features you want to assign the ring tone to.

4 When you are finished, press **Done**.

Note: This icon 🔔 appears on the display if you set your phone to **Silent**. This icon 📳 appears on the display if you set the phone to **Vibrate All**.

set your phone to vibrate

You can set your phone to vibrate instead of making a sound when you receive all phone calls, Private calls, group calls, call alerts,

messages notifications, pictures sent using Send via PTT, and Datebook reminders.

Find it: ⊞ > **Ring Tones** > **Vibrate All**

1 Set this option to **On** or **Locked**.

Setting this option to **On** lets you turn **Vibrate All** off by pressing the up volume control. Setting this option to **Locked** requires you to press and hold the up volume control to turn **Vibrate All** off. The **Locked** option helps prevent you from accidentally turning **Vibrate All** off.

To set **Vibrate All** to **On** or **Locked** using the volume controls: Press the volume controls to turn down the volume as far as possible to set **Vibrate All** to **On**. Continue to hold the down volume control to set **Vibrate All** to **Locked**.

To set your phone to vibrate instead of making a sound for some features but not others:

Find it: ⊞ > **Ring Tones**

1 Make sure **Vibrate All** is set to **Off**.

2 Select **Vibrate** from the list of ring tones.

3 Select the features you want to set to make no sound.

4 When you are finished, press ⊡ under **Done**.

wallpaper

Set a photo or picture as a wallpaper (background) image in your phone's home screen or throughout all menu screens.

Find it: ⊞ > **Settings** > **Display/Info** > **Wallpaper** > **Wallpaper**.

To select a wallpaper image scroll through the list of pictures and press OK to select the picture of your choice.

Note: You can set the wallpaper to change automatically after a certain period of time by

turning on the **Auto Cycle** feature located in the Wallpaper menu.

backlight

Set the amount of time that the display and java apps. backlights remain on, or turn off the backlight feature to extend battery life.

Find it: MENU > **Settings** > **Display/Info** > **Backlight**

datebook

Find it: MENU > **Datebook** > MENU > **Setup**

You can view or change these options:

option
Start View: Sets Datebook to start in day view, week view, or month view when you access Datebook.
Daily Begin: Sets the beginning of your day. This is the earliest time of day displayed in week view, if you have a 12-hour day view.
Delete After: Sets the amount of time Datebook waits to delete an event after it occurs.
Time Shift: Lets you shift the times of all Datebook events. This is useful if you are traveling to a different time zone.
Alert Timeout: Sets the amount of time a tone continues to sound when you receive a Datebook reminder.
Clock: Controls whether the time and date appear on the home screen; sets time and date format.

hide or show location information



Your phone is equipped with a Location feature for use in connection with location-based services that may be available in the future.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except for your local emergency response center.

Note: Turning Location on will allow the network to detect your position using GPS technology, making some applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your call. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.

set your privacy options

Find it: > **GPS** > **Privacy**

Select **Restricted**, **Unrestricted**, or **Ask Access**.

advanced calling

feature	
call waiting	**Find it:** To accept the second call and put the active call on hold press ⊙ under **Yes**. To accept the second call and end the active call press ⌴. Your phone rings with the second call for you to answer.

feature	
3-way call	Make or receive a phone call and press ⊞ > **3 Way**. Enter the second phone number, press ⌴ and ⊙ under **Join**. **Tip:** For quick ways to enter the number, press ⊞ to see the dialing menu. You cannot make any other calls after you have joined a 3-way call, even if one party disconnects.

feature	
flip activation	To make your handset to answer and end calls by opening and closing the flip press ⊞ > ⚙ > **Phone Calls** > **Flip Activation**. Select **Flip To Ans** > **On** and **Flip to End** > **On**.
any key answer	To answer phone calls by pressing any key on the keypad press ⊞ > ⚙ > **Phone Calls** > **Any Key Ans** > **On**.

contacts

feature	
edit/delete contact entry	Press ⊙ under **Contacts**. Select a contact and press ⊞ > **Edit**. Change the desired content and press ⊙ under **Done**.
set ringer ID	Press ⊙ under **Contacts**. Select a contact and press ⊞ > **Edit** > **Ringer**. Select desired ringer, press ⊙ under **Back**, and ⊙ under **Done**.

datebook

feature	
create datebook events	To create a new Datebook event press ⊞ > 1 > [New Event].
see datebook event	To see a calendar event press ⊞ > 1 > use the navigation key to scroll left or right to see the day and up or down to see the events.
event reminder	When an event reminder occurs press ⊙ under **View**. Press ⊙ under **Back** to close the reminder.

feature	
receive datebook events via PTT	To view the information while still in the Private call press OK. The 5 most recent events received from a Private ID are stored with the that Private ID on the recent calls list. To store events to the Datebook press ⊙ under **Save** while viewing the event you want to store.

GPS

To improve GPS performance:

- Stay in the open,
- Move away from other electrical or electronic devices
- Remain stationary.

feature	
view approximate location	To see your approximate location press ⊞ > **GPS** > **Position**. Scroll to view the entire screen. To recalculate position press **Rfrsh**. This may take several minutes.
set GPS privacy options	To set the level of privacy for your GPS system press ⊞ > **GPS** > **Privacy**. If your GPS PIN security feature is enabled, enter your GPS PIN and select the privacy option you want.
change GPS PIN	**Note:** Your default GPS PIN is 0000. To change your GPS PIN press ⊞ > **Settings** > **Security** > **Change Passwds** > **GPS PIN**. Enter the current GPS PIN and enter the new 4- to 8-digit GPS PIN. Re-enter the new 4- to 8-digit GPS PIN to confirm.

handsfree

Note: The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving. Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products

feature	
speaker-phone	To activate the speakerphone while driving press and hold the speakerphone key. 
auto answer	To automatically answer calls when connected to a car kit or headset press > **Settings** > **Phone Calls** > **Auto Ans**. Select the amount of rings before answering.

personalize

feature	
language	To set the language of your menu press > **Settings** > **Display/Info** > **Language**.
backlight time length	To select how long the display screen and keypad are backlit press > **Settings** > **Display/Info** > **Backlight**.
menu style	To show the Main Menu as graphic icons or a text-based list press > **Settings** > **Display/Info** > **Menu View**.
clock display	To display the clock on your home screen press > **Settings** > **Display/Info** > **Clock** > **Display** > **On**.

pc applications

feature	
other PC applications	For a list of complete PC applications visit www.motorola.com/support

TTY



feature	
turn On TTY feature	From the home screen press ⊞ > **Settings** > **Phone Calls** > **TTY** > **Use TTY** > **On**.
choose TTY mode	From the home screen press ⊞ > **Settings** > **Phone Calls** > **TTY** > **Type**. Select from **TTY**, **VCO** or **HCO**.
change the TTY baud rate	From the home screen press ⊞ > **Settings** > **Phone Calls** > **TTY** > **Baud**. Select **45.45** or **50.00**.
change TTY mode during a call	While in the TTY call, press ⊞ > **In Call Setup** > **TTY** > **Type**. Select from **TTY**, **VCO** or **HCO**.

security

feature	
phone lock	To lock the phone press ⊞ > **Settings** > **Security** > **Phone Lock** > **Lock Now** or **Auto Lock**.

feature	
keypad lock	To lock the keypad press [menu] > **Settings** > **Security** > **Keypad Lock** > **Lock Now** or **Auto Lock**. **Shortcut:** To lock the keypad press [menu] > [*].
enable SIM PIN	To enable SIM PIN, press [menu] > **Settings** > **Security** > **SIM PIN** > **On**.
change SIM PIN	To change the SIM PIN, press [menu] > **Settings** > **Security** > **Change Passwds** > **SIM PIN**.

Note: You can make emergency calls on a locked phone (see page 62).

Legal and Safety

Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your integrated multi-service portable radio.*

Exposure to Radio Frequency (RF) Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Portable Radio Product Operation and EME Exposure

Your Motorola radio product is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronics Engineers (IEEE). C95. 1-1992.
- Institute of Electrical and Electronics Engineers (IEEE). C95. 1-2005 Edition.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
- Ministry of Health (Canada). Safety Code 6. Limits of Human Exposure to Radio frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999.
- Australian Communications Authority Radio communications (Electromagnetic Radiation - Human Exposure) Standard 2003.
- ANATEL, Brazil Regulatory Authority, Resolution 303 (July 2, 2002) “Regulation of the limitation of exposure to

* The information provided in this document supersedes the general safety information in user’s guides published prior to May 1, 2006

electrical, magnetic, and electromagnetic fields in the radio frequency range between 9 kHz and 300 GHz." "Attachment to Resolution 303 from July 2, 2002."

Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

Phone Operation

When placing or receiving a phone call, hold your mobile phone as you would a landline telephone. **Speak directly into the microphone**.

Two-way radio operation

Your radio product has been designed and tested to comply with national and international standards and guidelines regarding human exposure to RF electromagnetic energy, when operated in the two-way mode (at the face, or at the abdomen when using an audio accessory) at usage factors of up to 50% talk/50% listen.

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the PTT button. To receive calls, release the PTT button. Transmitting 50% of the time or less, is important because this radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).

When using your radio product as a traditional two-way radio, **hold the radio product in a vertical position with the microphone one to two inches (2.5 to 5 cm) away from the lips**.



If you wear the mobile device on your body, always place the mobile device in a Motorola approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by Motorola and are not using the mobile device in the intended use positions along side the head in the phone mode or in front of the face in the two-way radio mode, or if you hang your device from a lanyard around your neck, keep the device at least 2.5 centimeters (1 inch) from your body when transmitting.

Approved Accessories

For a list of approved Motorola accessories call 1-800-453-0920, or visit our website at www.motorola.com/phoneaccessories.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

Turn OFF your mobile device in any location where posted notices instruct you to do so.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Implantable Medical Devices

If you have an implantable medical devices, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the phone is turned ON.
- DO NOT carry the mobile device in the breast pocket;
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your health care provider.

Hearing Aids

Some phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.

Other Medical Devices and Health Care Facilities

If you use any other personal medical devices, consult your physician or the manufacturer or your device to determine if it is adequately shielded from RF energy. Turn off your radio product when instructed to do so in hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Caring for the Environment by Recycling



This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or

regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: **www.motorola.com/recycling**

Disposal of your Mobile Device Packaging and User's Guide

Product packaging and user's guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

Driving Precautions

The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving.

Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found in the "Smart Practices While Driving" section (see page 93).

Operational Warnings

Obey all posted signs when using Mobile devices in public areas.

Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust or metal powders.

When you are in such area, turn off your handset, and do not remove, install, or charge batteries unless it is a radio product type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

Your battery, charger, or portable radio may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or phone in a fire.

Symbol	Definition
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or phone in the trash.
	Your phone contains an internal lithium ion battery.
	Do not let your battery, charger, or phone get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries and Chargers

Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the "Battery Use and Battery Safety" section in this user's guide.

Keep Your Mobile Device and Its Accessories Away from Small Children

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Caution About High Volume Usage

Warning: Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the



less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at **www.motorola.com/hearingsafety** (in English only).

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Service and Repairs

If you have questions or need assistance, we're here to help.

Go to **www.motorola.com/support**, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1 (800) 453-0920 (United States), 1 (877) 483-2840 (TTY, TDD United States for hearing impaired).

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Battery Use and Safety

- **Motorola recommends you always use Motorola-branded batteries and chargers.** The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

 Caution: Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard. Improper battery use, or use of a damaged battery, may result in a fire, explosion, or other hazard.
- Battery usage by children should be supervised.
- **Important**: Motorola mobile devices are designed to work best with qualified batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:
 - Remove the battery and inspect it to confirm it bears a Motorola "Original Equipment" hologram;
 - If there is no hologram, the battery is not a qualified battery;
 - If there is a hologram, replace the battery and retry charging it;
 - If the message remains, contact a Motorola Authorized Service Center.
- When storing your battery, keep it in a cool, dry place.
- It is normal over time for battery life to decrease, and for the battery to exhibit shorter runtime between charges or require more frequent or longer charging times.

Important: Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your carrier or contact Motorola, even if they appear to be working properly.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.

- Avoid leaving your phone in your car in high temperatures.

DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.
- **Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.**

Important: Use Motorola Original products for quality assurance and safeguards. To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola authorized service center.

Important: Motorola's warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- **www.motorola.com/recycling**
- **www.rbrc.org/call2recycle/** (in English only)

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

Warning: Never dispose of batteries in a fire because they may explode.

Battery Charging

Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.

- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Specific Absorption Rate

Your model wireless phone meets the governmental requirements for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured to not exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed for the safety of all persons, regardless of age or health, and to account for any variations in measurements.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 watts per kilogram (W/kg), averaged over one gram of tissue. Tests for SAR are conducted using procedures accepted by the FCC and by Industry Canada with the mobile device transmitting at its highest certified power level in all tested frequencies. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be below the maximum value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a mobile device is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) submitted to the FCC and available for review by Industry Canada. The highest SAR value for this mobile device when tested for use at the ear is 0.72 W/kg, and when worn on the body, as described in this guide, is 1.03 W/kg. Body-worn measurements can differ, depending upon available accessories and regulatory requirements. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on SAR can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

http://www.phonefacts.net

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

http://www.cwta.ca

AGPS and Emergency Calls

When you make an emergency call, your mobile device can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls, if your local emergency response center does not process AGPS location information. For details, contact your local authorities.

If your mobile device cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your mobile device is automatically provided to the emergency response center.

AGPS Performance Tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Note: FOR IDEN SUBSCRIBER PRODUCTS, ACCESSORIES AND SOFTWARE PURCHASED IN THE UNITED STATES OR CANADA

Subject to the exclusions contained below, Motorola, Inc. warrants its Motorola iDEN Digital Mobile and Portable Handsets ("Products"), Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software

contained on CD-Roms or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. **This limited warranty is a consumer's exclusive remedy, and applies as follows to new Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:**

Products Covered	Length of Coverage
Products as defined above.	**One (1) year** from the date of purchase by the first consumer purchaser of the product.
Accessories as defined above.	**One (1) year** from the date of purchase by the first consumer purchaser of the product.
Products or Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.
Software as defined above. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days from the date of purchase.**

What is not covered? (Exclusions)

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Ornamental Decorations. Ornamental decorations such as emblems, graphics, rhinestones, jewels, gemstones and their settings, and other decorative elements, are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, including without limitation, software

changes, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, antennas, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products, Accessories or Software is excluded from coverage.

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who is covered? This warranty extends only to the first consumer purchaser, and is not transferable.

What will Motorola Do? Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty.

We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information? To obtain service or information, please call:

Motorola iDEN Customer Services 1-800-453-0920 or 954-723-4910

TTY-877-483-2840

Or visit us online at http://www.motorola.com/iden

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There? ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS

LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OF IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

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Patent and Software Provisions:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a patent, and Motorola will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- That MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- That MOTOROLA will have sole control of the defense of such suit and all negotiations for its settlement or compromise; and
- Should the Product or parts become, or in MOTOROLA'S opinion be likely to become, the subject of a claim of infringement of a patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or sued in connection with the Product or any parts thereof. In no event shall MOTOROLA be liable for any incidental, special or consequential damages arising from any claim of patent infringement or alleged infringement.

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Hearing Aid Compatibility With Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Information From the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using hands-free devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: **http://www.who.int./peh-emf**.

Product Registration

Online Product Registration:

www.motorola.com/us/productregistration

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Wireless: The New Recyclable

Your wireless phone can be recycled. Recycling your phone reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their phones and have taken steps to promote the collection and environmentally sound recycling of end-of-life devices.

As a phone user, you have an important role in ensuring that this device is recycled properly. When it comes time to give this phone up or trade it in for a new one, please remember that the phone, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at:
http://recycling.motorola.young-america.com/ index.html

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

Perchlorate Material - special handling may apply. See **www.dtsc.ca.gov/hazardouswaste/perchlorate**.

There is no special handling required by consumers.

Patent and Trademark Information

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Microsoft and Microsoft Internet Explorer are registered trademarks of Microsoft Corporation.

T9 is a trademark owned by Tegic Communications.

T9® Text Input Patent and Trademark Information.

This product is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.

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All other product names or services mentioned in this manual are the property of their respective trademark owners.

Software Copyright Notice

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Privacy and Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.

- **Keep software up to date—**If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Erase before recycling—**Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For instructions on how to delete all personal information from your device, please contact your local service provider.
- **Understanding AGPS—**To provide location information for emergency calls, certain Motorola mobile devices incorporate Assisted Global Positioning System (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at **privacy@motorola.com**, or contact your service provider.

Smart Practices While Driving

Drive Safe, Call Smart SM

Check the laws and regulations on the use of phones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example handsfree use only. Go to www.motorola.com/callsmart (in English only) for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your phone while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your phone with one of the many Motorola Original handsfree accessories available today.



TM

- **Position your mobile device within easy reach.** Be able to access your phone without removing your eyes from the road. If you receive an incoming call at an

inconvenient time, if possible, let your voice mail answer it for you.

- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility, driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

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